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described above. From Gudermes to Rostov-on-Don the line runs through Grozny, Prokhladnyy, Mineralny Vody, Nevinnomysk, Armavir, Kropotkin, Tikhoretsk, Pavlovskaya, Kushchevskaya, Bataysk and finally Rostov-on-Don. From Gudermes to Prokhladnyy the road is single-tracked and is in satisfactory technical condition. From the latter station to Rostov-on-Don the road is double-tracked and is in satisfactory condition. The trains to Prokhladnyy and Mineralnye Vody from Gudermes are conveyed by steam locomotives using liquid fuel, but from the two former stations to Rostov-on-Don, steam locomotives using solid fuel (coal) are employed. The railroad trip from Astrakhan to Rostov-on-Don takes from 48 to 50 hours. It is necessary to change trains in Mineralnye Vody.

- 6. The route from Astrakhan to Stalingrad is a new route and was built during World War II. It is a single track road and is in satisfactory technical condition. The route passes from Astrakhan through Desang, Kharabali, Verblyuzh'ya, Verkhniy, Baskunchak, Petropavlevskiy, Leninsk and Paremnaya. Beyond this point passengers or trains cross the Velga River on ferries and proceed to Stalingrad. The distance from Paremnaya to Stalingrad is about 35 to 40 kilometers. The trip from Astrakhan to Stalingrad takes about twenty hours.
- 7. The Astrakhan-Moscow route has the fellowing itinerary: From Astrakhan through Dosang, Kharabali, Verblyuzh'ya, Verkhniy Baskunchak, El'ten, Dzhanybek, Pallasovka, Hrasnyy Kut, Pushkino (formerly Urbakh), Saratov, Aktarsk, Rtishchevo, Kirsanov, Tambov, Michurinsk, Ryashsk, Ryasan', Rybnee, Kolomma, Voskresensk, Ramenskoe, Lyubertsy and Moscow at the Paveletskiy Railroad Station. The road from Astrakhan to Saratov is a single track and is in unsatisfactory condition. A speed of 30 to 35 miles per hour is sometimes reached between these two cities, but the poor condition of the railroad does not allow speeds above 35 miles per hour. From Astrakhan to Kharabali the road passes over nine metal bridges, all of which are in satisfactory technical condition. From Saratov to Moscow the road is double track and is in satisfactory technical condition. The trip from Astrakhan to Moscow takes 65 to 70 hours.
- S. In the five year plan for rehabilitation and development of the national economy for the period of 1946 to 1950, there was envisioned the construction of a railroad from Astrakhan to Gurey, a distance of nearly 400 kilometers. In 1951 survey work had been completed only in part and no construction work had been started. The surveying was done by an organisation of the Ministry of Railroads (MPS), the name of said organisation is unknown to me. MPS is supposed to build the line from astrakhan to Gurey with the aid of forced labor ebtained from the MVD. The arrangement is by contract between MPS and MVD whereby the services of the forced labor received by the fermer are compensated for by the payment of funds to the latter. The route will probably be serviced by Diesel lecometives for a couple of reasons. The shortage of water and coal in a region where there is an adequate supply of Diesel fuel support this theory. The greatest difficulties in construction and operation of this line will be due to the shortage of water, the lack of vegetation, the strong winds and the drifting sand. In addition there is also the great differential between the minimum and maximum temperatures of winter and summer in this region. The construction of a road bed and its maintenance would be extremely difficult under these conditions.
- 9. The proposed ittherary of this route is from Astrakhan north to a point midway between Dosang and Khozetay, thence southeasterly to Khozetay. From the latter town the line will proceed to Gurev via Korduan, Ganyushkino, Kalmak Aral, Mikhaylovskiy, Zaburun'e, Monash, Nevebogatinskee and Kondaurevo.

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ENGLOSURE (A): Sketch Showing Planned Route of Astrakhan-Gurev Railroad

